

Converting Colors

$Y_{xy}(23.8517, 0.3250, 0.4203)$

Have a look what the booklet for
Yxy(23.8517, 0.3250, 0.4203)
contains.

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Color

Yxy(23.8507, 0.3250, 0.4203)

Conversions

Conversions Part 1

Format	Color
Hex	6F8F5F
RGB	111, 143, 95
RGB Percent	44%, 56%, 37%
CMY	0.5647, 0.4392, 0.6275
CMYK	0.22, 0.00, 0.34, 0.44
HSL	100°, 20%, 47%
HSV	100°, 34%, 56%
XYZ	18.4427, 23.8507, 14.4534
YIQ	127.9600, -3.6640, -21.7120

Conversions

Conversions Part 2

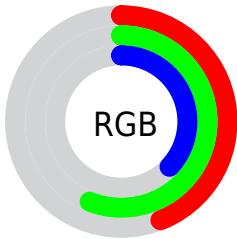
Format	Color
R _{YB}	95, 143, 127
Decimal	7311199
CIE _{Lab}	55.94, -20.61, 22.01
CIE _{LCh}	56, 30.152, 133.123
Yxy	23.8507, 0.3250, 0.4203
Android (android.graphics.Color)	4285501279 (0xFF6F8F5F)
YUV	127.9600, -16.2493, -14.8739
Hunter-Lab	48.8372, -18.0569, 16.6391

Details

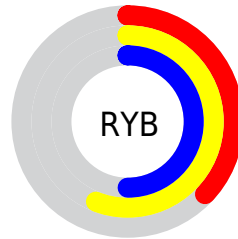
The Yxy color $23.8507, 0.3250, 0.4203$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $14.6756, 0.2949, 0.2431$, and the grayscale version is $21.6301, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.7944, 0.3228, 0.3992$, and $9.0662, 0.3265, 0.4600$ is the 20% darker color. If you saturate the color by 10%, you get $23.0295, 0.3276, 0.4513$, and if you desaturate by 10%, it is $24.7877, 0.3217, 0.3906$.

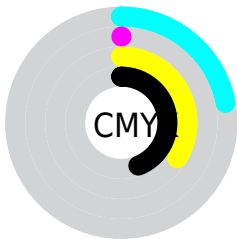
Distribution



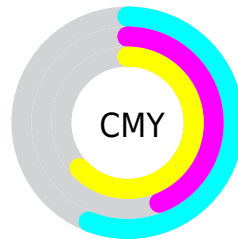
- Red (44%)
- Green (56%)
- Blue (37%)



- Red (37%)
- Yellow (56%)
- Blue (50%)



- Cyan (22%)
- Magenta (0%)
- Yellow (34%)
- Black (44%)




- Cyan (56%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8507, 0.3250, 0.4203 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 23.8507, 0.3250, 0.4203 by changing the saturation by 10% instead.


 23.8507, 0.3250,
0.4203


 23.8507, 0.3250,
0.4203


272.0648, 0.3194,
0.3677


 15.2229, 0.3259,
0.4363


 49.7865, 0.3232,
0.3992


 8.9760, 0.3265,
0.4590


 67.8632, 0.3225,
0.3919

 4.7255, 0.3260,
0.4932

 89.8584, 0.3218,
0.3860

 2.0871, 0.3306,
0.5657

 116.1564, 0.3212,
0.3810

 0.6574, 0.1562,
0.8438

147.1417, 0.3207,
0.3769

 0.0000, 0.0000,
0.0000

183.1986, 0.3202,

0.3734

224.7115, 0.3198,
0.3703

■ 23.8507, 0.3250,
0.4203

■ 23.8507, 0.3250,
0.4203

■ 23.0295, 0.3276,
0.4513

■ 24.7877, 0.3217,
0.3906

■ 22.3163, 0.3291,
0.4824

■ 25.8417, 0.3180,
0.3629

■ 21.7072, 0.3294,
0.5122

■ 27.0180, 0.3141,
0.3375


■ 21.1965, 0.3282,
0.5389


■ 28.3205, 0.3102,
0.3146

■ 20.7783, 0.3254,
0.5609

■ 29.7529, 0.3063,
0.2941


 20.4456, 0.3212,
0.5769

 31.3188, 0.3025,
0.2760

 20.2674, 0.3185,
0.5853

 33.0217, 0.2989,
0.2599

 34.8649, 0.2955,
0.2457

 36.8515, 0.2924,
0.2332

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



23.8507, 0.3746, 0.4214



23.8507, 0.3250, 0.4203



23.8507, 0.2745, 0.3871

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.8507, 0.3250, 0.4203



23.8507, 0.2230, 0.2557



23.8507, 0.3939, 0.3159

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



23.8507, 0.3250, 0.4203



14.6756, 0.2949, 0.2431

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23.8507, 0.3470, 0.2795



23.8507, 0.3250, 0.4203



23.8507, 0.2491, 0.2454

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



23.8507, 0.3250, 0.4203



23.8507, 0.2184, 0.2866



23.8507, 0.2933, 0.2544



23.8507, 0.4172, 0.3573

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



23.8507, 0.3250, 0.4203



23.8507, 0.2470, 0.3531



23.8507, 0.2933, 0.2544



23.8507, 0.3802, 0.3029

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



23.8517, 0.3250, 0.4203



46.9601, 0.3167, 0.3540



21.6381, 0.3701, 0.3835



10.7096, 0.3172, 0.3573



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.8517, 0.3250, 0.4203



41.6223, 0.3269, 0.4427



23.0413, 0.3018, 0.4103



6.1113, 0.3163, 0.3514



17.9294, 0.3188, 0.5851



0.1825, 0.3519, 0.5588

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14.6756, 0.2949, 0.2431



22.6815, 0.2898, 0.2236



15.7932, 0.3261, 0.2595



5.4222, 0.3088, 0.3070



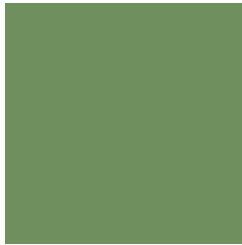
3.9309, 0.2403, 0.1097



0.0497, 0.2789, 0.1310

Previews

White Background



This preview shows how the Yxy color 23.8507, 0.3250, 0.4203 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 23.8507, 0.3250, 0.4203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

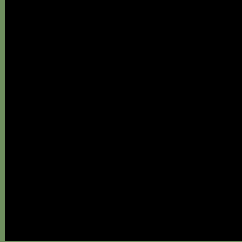
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.8507, 0.3250, 0.4203

Background



This preview shows how black text looks on a background with the Yxy color 23.8507, 0.3250, 0.4203.



This preview shows how white text looks on a background with the Yxy color 23.8507, 0.3250, 0.4203.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

23.8507, 0.3250, 0.4203

Protanopia

23.8253, 0.3728, 0.4021

Deuteranopia

23.5893, 0.3847, 0.3777



Tritanopia

23.6368, 0.2840, 0.3096

Trichromacy



Original Color

23.8507, 0.3250, 0.4203

Protanomaly

23.6506, 0.3555, 0.4091

Deuteranomaly

23.3008, 0.3618, 0.3916

Tritanomaly

23.7368, 0.2990, 0.3491

Monochromacy



Original Color

23.8507, 0.3250, 0.4203

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.1736, 0.3181, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8507, 0.3250, 0.4203 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(111, 143, 95)` looks like.

```
.text, #text, p{  
    color:rgb(111, 143, 95)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(111, 143, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 143, 95) }
```

Border

The CSS property to change the border of an element to Yxy 23.8507, 0.3250, 0.4203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 143, 95) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(111, 143, 95) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(111, 143, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 143, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 143, 95);  
box-shadow:4px 4px 4px 4px rgb(111, 143,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8507, 0.3250, 0.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 143, 95) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(111,  
143, 95) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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